

IN THE ABSTRACT

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ABSTRACT OF THE DISCLOSURE

2 A wave power assembly comprising a hull and a linear electric generator. The rotor
is connected to the hull and the stator is arranged to be anchored at a sea/lake bottom. The
4 generator is provided with an electromagnetic damping means in order to keep the pulsations
of the axial force exerted by the stator on the rotor at a relatively low level, which damping
6 means comprises geometric arrangement adapted herefor of at least some one of the stator
winding, the stator slots and the rotor magnets. The invention also relates to a wave power
8 plant built up from wave power assemblies according to the invention. Furthermore, the
invention relates to a use of the wave power assembly and a method for generation of electric
10 energy.